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L Girod, D Estrin - Intelligent Robots and Systems, 2001. Proceedings. 2001 IEEE ..., 2001 - ieeexplore.ieee.org ... and thus improve the data **quality** through coor- dination and **communication**, with significantly ... and receiver can easily be accomplished with **radio signals**. ...

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HS Lee, B Song, HY Youn, K Chung - log - doi.ieeecomputersociety.org ... computers will act as extra obstacles for the **radio signals**. ... is equipped with a wireless **communication** system to ... indication of the strength or **quality** of the ... Cited by 2 - Related Articles - Web Search

[PDF] Robot Localizationusing Ultra-Sonicand Radio Frequency Signals

A Sharon, A Zentner, E Oren, Y Goldberg, Z Sharvit ... - cs.huji.ac.il ... rate was achieved, together with reliable RF data communication channel. ... the system becomes operational and position of the robot is measured periodically. ... Related Articles - View as HTML - Web Search

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A Muzzetta, M Cristaldi, IES Solutions - **robot**.uji.es ... be collectively referred to as **Quality** of Service ... of this corruption is transmission fading of the **radio signals**. ... flow is sent over the wireless **communication**. ... Related Articles - View as HTML - Web Search

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AA Zavala - Electronics, Communications and Computers, 2004. CONIELECOMP ..., 2004 - ieeexplore.ieee.org ... performance and eventually unacceptable quality of service ... with such sample, as radio signals are random ... Conference on Electronics, Communications and Computers ... Related Articles - Web Search

MiNT: a miniaturized network testbed for mobile wireless research - all 2 versions »

P De, A Raniwala, S Sharma, T Chueh - INFOCOM 2005. 24th Annual Joint Conference of the IEEE ..., 2005 - ieeexplore.ieee.org

... is still too high to carry the **radio signals** across two ... packet **communication** is carried over real wireless medium. ... The signal **quality** is **measured** at 2 inches ...

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[PDF] Potential Networking Applications of Global Positioning Systems (GPS) - all 12 versions »

G Dommety, R Jain - Arxiv preprint cs.NI/9809079, 1998 - arxiv.org

... receivers, email delivery based on geographic location, distributed robot control

and ... 11.1 Measure Network Delays ... 12.5 Connectionless Real-time Communication ...

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[PDF] Robot localization using wireless networks - all 4 versions »

O Serrano - Informe Tecnico en elaboración Departamento de Informatica, ..., 2003 - gsyc.escet.urjc.es

... The **radio signals** that we will use will be affected ... are intended to facilitate the **communication** or to ... the signal level, noise level, signal **quality** and Access ...

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[PDF] Robot localization using WiFi signal without intensity map - all 5 versions »

O Serrano, JM Canas, V Matellan, L Rodero - Proc. of the V Workshop Agentes Fisicos (WAF 2004), 2004 - gsyc.escet.urjc.es

... with several access points used for wireless communication. ... a lot of research about

propagation of radio signals in indoor ... The quality of the algorithm will be ...

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S Gunnarsson - US Patent 5,862,222, 1999 - freepatentsonline.com

... encryption key in the portable **communication** unit ... to claim 20, wherein the **radio**

signals are microwave ... Hereby information about account, fuel quality etc can be ...

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Key authors: L Girod - D Estrin - L Hu - J Borenstein - D Evans

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